

**INTEROFFICE MEMORANDUM**

**DATE:** April 3, 1969

**TO:** Bridge Design Personnel  
**FROM:** Veral Pinkerton  
**SUBJECT:** Detailing of Reinforcing Steel

Attached are two (2) drawings, which show Standard Reinforcing Bar Bends and Column and Cap Steel Placement.

Note that bar bends are detailed out to out and location of steel is to be shown by clear dimensions.

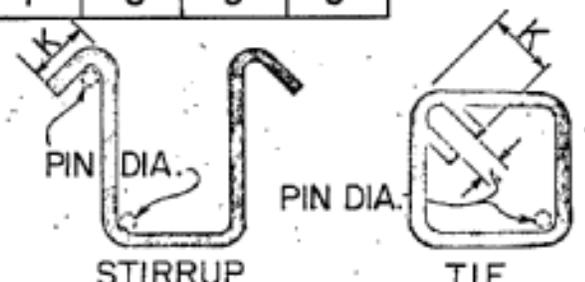
Where possible use the Standard Marking System (Example: S601) with a Note: "Bar sizes are designated by the bar mark. The first digit or the first two, as the case may be, indicates the size of the bar."

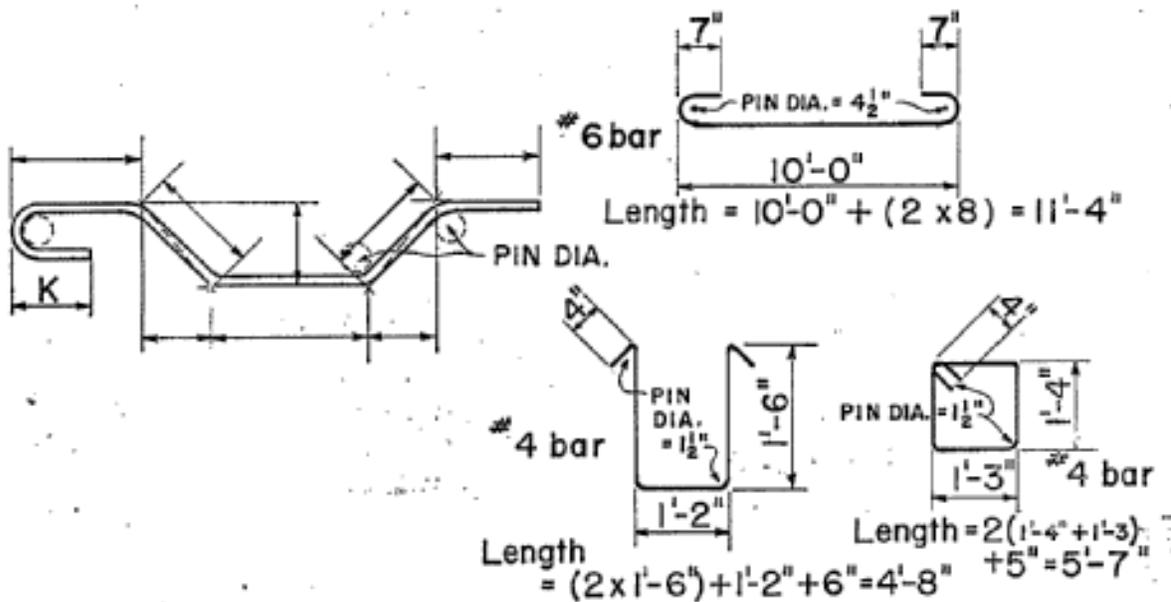
Make sure that all drawings on any particular job are consistent and use the same system.

VP:bc

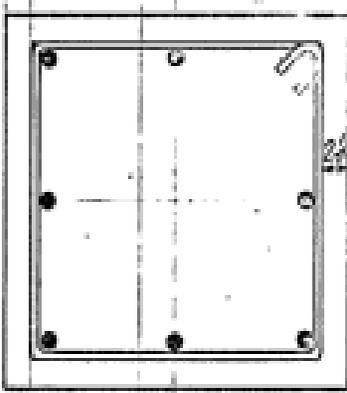
# ARKANSAS STATE HIGHWAY DEPARTMENT

## STANDARD REINFORCING BAR BENDS

BAR SIZE	HOOKED END			STIRRUPS & TIES				DIAGRAMS
	K	PIN DIA.	ADD FOR BEND	K	PIN DIA.	ADD FOR BEND STIRRUP	TIE	
#3	4"	2 $\frac{1}{4}$ "	5"	4"	1 $\frac{1}{2}$ "	5"	5"	 HOOKED END
#4	4"	3"	6"	5"	2"	6"	6"	
#5	5"	3 $\frac{3}{4}$ "	7"	6"	2 $\frac{1}{2}$ "	8"	8"	
#6	6"	4 $\frac{1}{2}$ "	8"	7"	3"	9"	9"	
#7	7"	5 $\frac{1}{4}$ "	10"					
#8	8"	6"	11"					
#9	10"	9"	1'-3"					
#10	11"	10"	1'-5"					
#11	12"	11 $\frac{1}{4}$ "	1'-7"					



### EXAMPLES



TYPICAL SECTION OF COLUMN

